OVERVIEW

Participants in this cohort will have the opportunity to earn a Master of Science degree in Teaching, Learning, and Leadership with an option in Mathematics/Science in two years. The cohort will be based in Tulsa and will be composed of a combination of online and face-to-face classes. Program participants will enhance their instructional and leadership skills, as well as content knowledge in mathematics and science. Although the next cohort will begin in Summer 2017, new applicants will be accepted at anytime.

APPLICATION PROCESS

STEP 1: Review the Master of Science in Teaching, Learning and Leadership: Math and Science Packet application: https://education.okstate.edu/graduatestudies/ms

STEP 2: Apply to the M.S. in Teaching, Learning and Leadership: Mathematics and Science: http://gradcollege.okstate.edu

STEP 3: Attend an Advisement Meeting as notified in your acceptance letter.

FACULTY CONTACTS

Meet all of our mathematics and science faculty at https://education.okstate.edu/smed/faculty

For more information, contact a program coordinator:

Dr. Toni Ivey (Science)
Associate Professor & Program Coordinator
toni.ivey@okstate.edu | 405.744.8019

Dr. Juliana Utley (Mathematics)
Associate Professor
juliana.utley@okstate.edu | 405.744.8111

COURSEWORK

Semester 1: Summer 2017
CIED 5053: Curriculum Issues
SMED 5050: Integrating Mathematics and Science Applications

Semester 2: Fall 2017
REMS 5953: Statistical Methods in Education
SMED 5273: Number Concepts and Assessment at the Elementary Level

Semester 3: Spring 2018
SMED 5193: Inquiry and PBL in Science Education
SMED 5913: Teaching Geometry and Spatial Visualization

Semester 4: Summer 2018
CIED 5813: Education Advocacy and Leadership
SMED 5280: Engineering Education

Semester 5: Fall 2018
SMED 5253: Teaching Rational Number Concepts and Proportional Reasoning
SMED 5243: Environmental Education in the Curriculum

Semester 6: Spring 2019
SMED 5923: Teaching Algebra and Mathematical Tasks
CIED 5073: Pedagogical Research

• Comprehensive Exam (March 2019)
• Presentation of Creative Component (April 2019)
• Graduation (May 2019)

Middle/High school mathematics or science teachers may work with an advisor to make substitutions to meet their content specific needs.

IMPORTANT RESOURCES

Program Website
http://education.okstate.edu/smed

Online Classroom
http://myokstate.okstate.edu

Free Software and Support
http://it.okstate.edu

Graduate College
http://gradcollege.okstate.edu